

SYSTEM, METHOD, AND PROGRAM FOR DETERMINING $\begin{tabular}{l} THE AVAILABILITY OF PATHS TO A DEVICE \\ \underline{ABSTRACT} \end{tabular}$

Disclosed is a system, method, and program for selecting one of multiple proposed paths to a device. For each proposed path, a determination is made of a number of components the proposed path shares with existing paths to the device. The components comprise points of failure such that if one component fails then the path including the component fails. The determined number of shared components for each proposed path is used to select one proposed path.